

Certificate of Mailing: The undersigned certifi

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O. Box 1450, Alexandria, VA 22313-1450,

is 4th day of October, 2004.

inda S. Evans

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Dubin et al.

Atty. Docket: ORT-1601

Serial No.:

10/090,215

Art Unit:

1646

Filed:

March 4, 2002

Examiner:

Prema Mertz

For:

DNA Encoding Human Vanilloid Receptor VR3

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

This Statement is supplemental to the Information Disclosure Statement dated March 4, 2002, filed with the above-identified application. Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§ 1.97-1.98, Applicant submits the accompanying Form PTO-1449 citing references relating to the application.

This Statement is being filed under the provisions of 37 C.F.R. § 1.97(b)(3), i.e., before the mailing of a first Office Action on the merits. Accordingly, Applicant believes that no fee is due in connection with the filing of this Statement. If, however, any fees are required, please charge any necessary fees to Deposit Account No. 10-0750.

A copy of each of the references listed on the enclosed Form PTO-1449 is enclosed. Each reference is in the English language.

Also enclosed is a copy of an International Search Report dated June 28, 2001, from a counterpart PCT application.

This Statement should not be construed as an admission that any information provided herewith is material as that term is defined in 37 C.F.R. § 1.56(b) or that any of the cited references qualifies as prior art. This Statement should not be construed as a representation that a search has been made, or that information more material does not exist.

The Examiner is respectfully requested to initial the citations on the Form PTO-1449 to confirm consideration of each reference.

Respectfully submitted,

Date: October 4, 2004

Linda S. Evans Reg. No. 33,873

LSE/MDR Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, New Jersey 08933-7003 (858) 320-3406

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE

ATTY. DOCKET NO. SERIAL NO.

ORT-1601

10/090,215

INFORMATION DISCLOSURE CITATION BY APPLICANT

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APPLICANT
Dubin et al.

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U.S. PATENT DOCUMENTS

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	OTI	HEI	R [DO	Cl	JM	E١	IT	S (Including a	Author, Title, Date, P	ertinent	t Pages, E	Etc.)		
			In Ju	Barry, "JPCalc, A Software Package For Calculating Liquid Junction Potential Corrections In Patch-Clamp, Intracellular, Epithelial And Bilayer Measurements And For Correcting Junction Potential Measurements", <i>J. Neurosci. Methods</i> , Vol. 51, pp. 107-116 (1994).											
			Blackstone et al, "Protein Targeting And Calcium Signaling Microdomains In Neuronal Cells", Cell Calcium, Vol. 26(5), pp. 181-192 (1999).												
							et al., "The Capsaicin Receptor: A Heat-Activated Ion Channel In The Pain , <i>Nature</i> , Vol. 389, pp. 816-824 (1997).								
			Dubin et al., "Lysophosphatidic Acid Stimulates Neurotransmitter-Like Conductance Changes That Precede GABA And L-glutamate In Early, Presumptive Cortical Neuroblasts", <i>J. Neurosci.</i> , Vol.19(4), pp. 1371-1381 (1999).												
			Ecker et al., "Increasing Gene Expression In Yeast By Fusion To Ubiquitin", J. Biol. Chem., Vol. 264(13), pp. 7715-7719 (1989).												
,			Horowitz et al., "Synthesis And Assembly Of Functional Mammalian Na,K-ATPase In Yeast", J. Biol. Chem., Vol. 265(8), pp. 4189-4192 (1990).												
			Jacobson et al., "Expression And Secretion Of Biologically Active Echistatin In Saccharomyces cerevisiae", <i>Gene</i> , Vol. 85, pp. 511-516 (1989).												
			Kaufman et al., "Amplification And Expression Of Sequences Cotransfected With A Modular Dihydrofolate Reductase Complementary DNA Gene", <i>J. Mol. Biol.</i> , Vol. 159, pp. 601-621 (1982).												
		Kitts et al., "Linearization Of Baculovirus DNA Enhances The Recovery Of Recombinant Virus Expression Vectors", <i>Nucleic Acids Res.</i> , Vol. 18(19), pp. 5667-5672 (1990).													
XAMINER	J		1						D	ATE CONSIDERED .					

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ORT-1601

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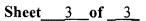
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APPLICANT Dubin et al.		
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U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	INVENTORS		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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FOREIGN PATENT DOCUMENTS												
		D	OCUMI	ENT N	JMBER	DATE		COUNTRY/REGION	CLASS	SUBCLASS	TRANSLATION (if applicable)	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Kohler et al., "Continuous Cultures Of Fused Cells Secreting Antibody Of Predefined												
					•	continuous Cult <i>ture</i> , Vol. 256, _I			eting An	tibody Of P	redefined	
								With Multiple Impa ual Sci., Vol. 28, pr				
			Luo	et al.	, "Gen		Profiles	Of Laser-Captured				
			McD	onne	ll et al	I., "Reconstituti	on Of T	he Vitamin D-Resp				
	Unit In Saccharomyces cerevisiae", <i>Mol. Cell. Biol.</i> , Vol. 9(8), pp. 3517-3523 (1989). Mikayama et al., "Molecular Cloning And Functional Expression Of A cDNA Encoding Glycosylation-Inhibiting Factor", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, pp. 10056-10060 (1993).									Encoding		
		Minke et al., "The Roles Of trp And Calcium In Regulating Photoreceptor Function In Drosophila", <i>Curr. Opin. Neurobiol</i> , Vol. 6(4), pp. 459-466 (1996).									unction In	
	Riehl-Bellon et al., "Purification And Biochemical Characterization Of Recombinant Hirudin Produced By Saccharomyces cerevisiae", <i>Biochemistry</i> , Vol. 28, pp. 2941-2949 (1989). Rinas et al., "Characterization of Recombinant Factor XIIIa Produced In Saccharomyces Cerevisiae", <i>Biotechnology</i> , Vol. 8, pp. 543-545 (1990).											
		Sabin et al., "High-Level Expression And In Vivo Processing Of Chimeric Ubiquitin Fusion Proteins In Saccharomyces Cerivisiae", <i>Biotechnology</i> , Vol. 7, pp. 705-709 (1989).										
	Siekevitz et al., "Activation Of The HIV-1 LTR By T Cell Mitogens And The Trans-Activator Protein Of HTLV-I", Science, Vol. 238(4833), pp.1575-1578 (1987). Sleep et al., "The Secretion Of Human Serum Albumin From The Yeast Saccharomyces Cerevisiae Using Five Different Leader Sequences", Biotechnology, Vol. 8, pp. 42-46 (1990). Suzuki et al., "Cloning Of A Stretch-Inhibitable Nonselective Cation Channel", J. Biol. Chem., Vol. 274(10), pp. 6330-6335 (1999).											
										pp. 42-46		
										el", <i>J. Biol.</i>		
			Szol	csan	yi, "Ac	tions Of Capsa	icin On	Sensory Receptor n, UK, pp. 1-26 (19		saicin In Th	e Study Of Pain	
			Szol	csan	yi, "Rε	esiniferatoxin.	An Ultra	potent Neurotoxin Sci., Vol. 632, pp. 4	Of Cap		sitive Primary	
			Van	Haas	steren	et al., "Calciun	n Signa	ling And Gene Exp 181-492 (1999).	ression	, J. Recept	t. Signal	
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			Voe	t e	t al.	Bi	ocl	<u>nemistry,</u> John '	Wiley 8	& Sons, pp. 126-12	8 and 22	28-234 (199	90).
			Wigler et al., "Transfer Of Purified Herpes Virus Thymidine Kinase Gene To Cultured Mouse Cells", Cell, Vol. 11, pp. 223-232 (1977).										
	Yamamoto et al., "Important Role Of The Proline Residue In The Signal Sequence That Directs The Secretion Of Human Lysozyme In Saccharomyces cerevisiae", <i>Biochemistry</i> , Vol. 28, pp. 2728-2732 (1989).												
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